

### **REMARKS**

Claims 1-37 remain pending in this application, and claims 1-37 have been rejected.  
Reconsideration of this application in light of the following remarks is requested.

#### **I. Rejections under 35 U.S.C. § 102**

##### **Claim 1**

Claim 1 recites the following:

1. A process for use in a database system, comprising:  
storing data according to a first user-defined data type in a table;  
associating at least a first compression routine with the first user-defined data type; and  
using the first compression routine to compress the data according to the first user-defined data type.

Claim 1 was rejected under 35 U.S.C. § 102(b) as allegedly being anticipated by U.S. Patent No. 5,781,773 to Vanderpool et al. ("Vanderpool").

The PTO provides in MPEP § 2131 that

*"[t]o anticipate a claim, the reference must teach every element of the claim...."*

Therefore, with respect to claim 1, to sustain this rejection the Vanderpool patent must contain all of the above elements of the claim. However, contrary to the Examiner's position that all elements are disclosed in the Vanderpool reference, Vanderpool does not disclose a process that includes "storing data according to a first user-defined data type in a table," "associating at least a first compression routine with the first user-defined data type" or "using the first compression routine to compress the data according to the first user-defined data type."

With regard to the claim 1 limitation of "storing data according to a first user-defined data type in a table", the Examiner cited the following passages of Vanderpool as allegedly disclosing such a feature:

The method for search and display of data using a computer with an optical media read apparatus for communication with the computer includes providing a database stored on optical media which is accessible utilizing the...  
Vanderpool, Column 2, Lines 51-54.

...interface allows a user to define a search query for a search parameter corresponding to one of the searchable data fields.  
Vanderpool, Column 3, Lines 1-2.

Applicant respectfully disagrees. Here, Vanderpool generally describes searching of data in a database stored on media and an interface that allows a user to define a query. Vanderpool is wholly silent with regard to storage of data **according to a user-defined data type**. For at least this reason, Vanderpool is insufficient to anticipate claim 1, and withdrawal of the rejection of claim 1 is thus requested.

With regard to the claim 1 limitation of “associating at least a first compression routine with the first user-defined data type,” Applicant notes Vanderpool is necessarily precluded from disclosing such a feature because Vanderpool fails to disclose any reference to data stored according to a user-defined data type. For at least this reason, Vanderpool is insufficient to anticipate claim 1, and withdrawal of the rejection of claim 1 is thus requested.

Independent claim 13 recites similar features as claim 1 and was rejected under similar rationale. Therefore, the same distinctions between Vanderpool and the claimed invention in claim 1 apply for claim 13. For at least the reasons described above, Vanderpool fails to anticipate claim 13, and withdrawal of the rejection of claim 13 is respectfully requested.

#### Claim 27

Claim 27 recites the following:

27. A database system, comprising:
  - a storage system to store at least a table;
  - a plurality of compression routines to apply respective different compression algorithms; and
  - a controller adapted to invoke one of plurality of compression routines to compress data stored in the table.

Claim 27 was rejected under 35 U.S.C. § 102(b) as allegedly being anticipated by Vanderpool. Therefore, with respect to claim 27, to sustain this rejection the Vanderpool patent must contain all of the above elements of the claim. However, contrary to the Examiner's position that all elements are disclosed in the Vanderpool reference, Vanderpool does not disclose a system that includes "a plurality of compression routines to apply respective different compression algorithms," or "a controller adapted to invoke one of plurality of compression routines to compress data stored in the table."

With regard to the claim 27 limitation of "a plurality of compression routines to apply respective different compression algorithms," the Examiner cited the following passage of Vanderpool as allegedly disclosing such a feature:

...database engine, the user search and display software, decompression software for both decompressing the main image in accordance with the JPEG standard and the thumbnail image in accordance with **the compression algorithm**, and other user interface software such as that necessary for permitting use of mouse 128 and display controls 132.

Vanderpool, Column 9, Lines 19-23 (**Emphasis Added**).

Here, Vanderpool only describes a single compression algorithm and thus clearly fails to disclose a plurality of compression routines to apply respective different compression algorithms. For at least the reasons described above, Vanderpool fails to anticipate claim 27 and withdrawal of the rejection of claims 27 is respectfully requested.

With regard to the claim 27 limitation of "a controller adapted to invoke one of plurality of compression routines to compress data stored in the table," Applicant notes Vanderpool is necessarily precluded from disclosing such a feature because Vanderpool fails to disclose a plurality of compression routines as discussed above. For at least this reason, Vanderpool is insufficient to anticipate claim 27, and withdrawal of the rejection of claim 27 is thus requested.

**II. Conclusion**

It is clear from all of the foregoing that independent claims 1, 13, and 27 are in condition for allowance. Dependent claims 2-12, 14-26, and 28-37 depend from and further limit independent claims 1, 13, and 27 and therefore are allowable as well.

An early formal notice of allowance of claims 1-37 is requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'STEVEN T. McDONALD', with a large circular flourish at the end.

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Dated: 3-11-08

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Docket No.: 10055